

Tamotsu HASHIMOTO\*: *Stenoptera leimebambae*,  
a new Peruvian orchid

橋本 保\*: ペルー産ランの新種 *Stenoptera leimebambae*

*Stenoptera leimebambae* Hashimoto, sp. nov.

Herba terrestris, c. 68 cm alta. Radices fasciculatae, tuberosae, lanuginosae. Folia basalia, oblanceolato-lineata, acuta vel acuminata, in basim vaginatem sensim angustata. Spica erecta, dense multiflora. Florum bracteae late ovatae, breviter acuminatae, dorso tomentosae. Sepala dorso tomentosa. Sepalum dorsale columnae adnatum, oblongo-lanceolatum, acutum. Sepala lateralia propinqua, falcato-oblanceolata. Petala angusta, oblanceolato-obtusa. Labellum tubulari-involutum, apice patenti-reflexum; margo anterior crenulatus. Columna longa, recta, dorso sepalorum tubo longe adnata, ciliata et papillosa.

Terrestrial herb. Stem finely tomentose with about 6 scattering sheaths. Sheaths tubular, acuminate, tomentose; the lowermost leafy. Leaves about 7, basal, spreading, oblanceolate-linear; the lowermost blade oblanceolate-spathulate; acute or acuminate, up to 28 cm long and 2.5 cm wide, lustrous, somewhat fleshy, glabrous. Spike up to about 25 cm long. Floral bracts with membranaceous margins, less than 1/2 long to the flowers, about 10 mm long and 5.5 mm wide when expanded. Ovary and outer surface of sepals tomentose. Flower small, light-green except the lip, subfleshy, about 4 (horizontally) × 5.5 (vertically) mm in diameter. Free portion of dorsal sepal oblong-lanceolate, acute, with the base adnate to the column, 7 mm long and 1.8 mm wide, curled to the outside at the apex. Free portions of lateral sepals approximate to each other, falcate-oblanceolate when expanded, subacute, 8 mm long and 2.7 mm wide. Petals membranaceous, 8 mm long and 0.8 mm wide, curled to the outside at the apex. Lip stiff but somewhat fleshy, greenish dull-yellow with the frontpiece of white and greenish center, tubular-involute with a recurved-flaring apical portion, 10 mm long

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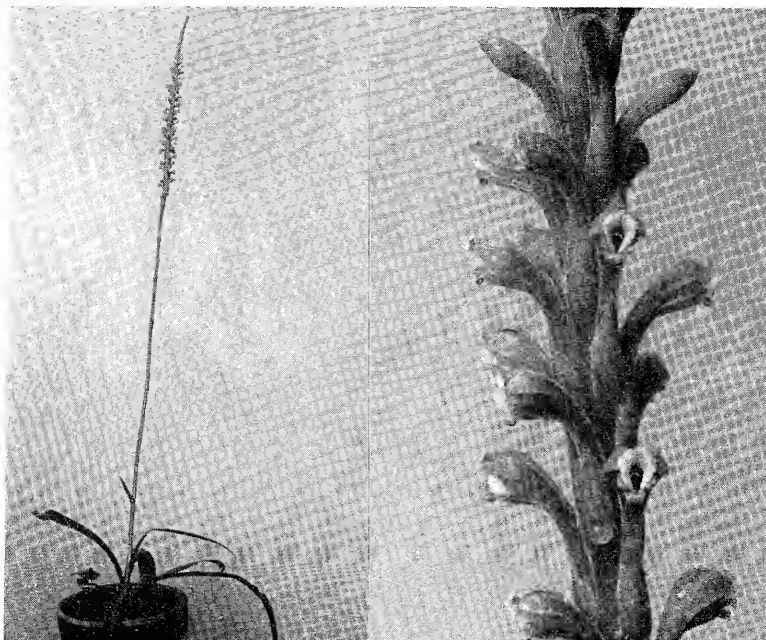


Fig. 1. *Stenoptera leimebambae* in cultivation. Left, plant;  $\times$ ca. 0.9.  
Right, inflorescence;  $\times$ ca. 1.3.

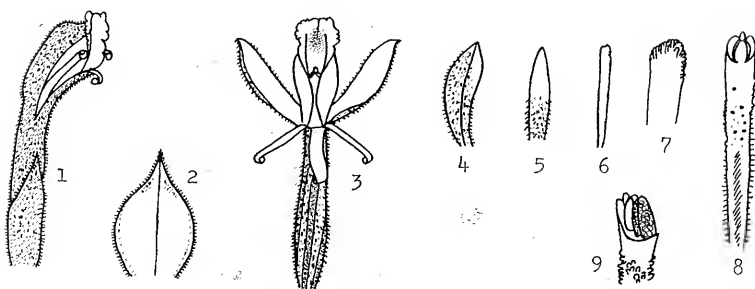


Fig. 2. Flower of *Stenoptera leimebambae*;  $\times 2$  except 7 & 9. 1, Flower from side. 2, Floral bract, inner surface. 3, Flower from front, partially spread out. 4, Lateral sepal, expanded. 5, Dorsal sepal, expanded. 6, Petal, expanded. 7, Apical portion of petal. 8, Column from lower side. 9, Apical portion of column.

and 3 mm wide (at the apical portion) in natural position. Column straight, about 8 mm long, white at the apical half, green at the basal half, ciliate and papillose.

PERU: In warm-temperate zone with moderate humidity, Leimebamba, Prov. Amazonas, ca. 2250 m alt., Dec. 12, 1965, collected by F. Maekawa, M. Ono, T. Hashimoto & M. Wada, no. 1736 in TI; Greenhouse of the Bot. Gard., Univ. Tokyo (cult. as B-161 which indicates the same locality of the former specimen), May 1970, Y. Ohtsuka in TI; Ibid., Apr. 21, 1971, T. Hashimoto, holotype in TI.

*Stenoptera leimebambae* is allied to *S. peruviana* Presl (Rel. Haenk. 1: 95, t. 14. 1827), but differs in having a dissimilar lip and a straight column. From *S. laxiflora* C. Schweinfurth (Bot. Mus. Leaf. Harvard Univ. 9: 219, t. 2. 1941), it is distinguishable by a many-flowered inflorescence, narrower and basally fascicled leaves, broadly ovate floral bracts and approximate (look connate in natural position) lateral sepals. This new species is one of the collection of the First Botanical Expedition to the Andes, University of Tokyo.

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東京大学第一次東亜関連植物調査団によって採集され、東京大学附属（小石川）植物園で栽培中の *Stenoptera*（この属は中・南アメリカに少数種知られ、日本産のランではネジバナ属が近縁）の一種を新種と考える。近縁の *S. peruviana* に較べると唇弁の形が異なり、また蕊柱もまっすぐである。*S. laxiflora* と同近縁であるが、この方とは概形で容易に区別がつく。

#### ○化石草とはなにか (久内清孝) Kiyotaka HISAUCHI: A Formosan name for *Orthosiphon stamineus*

近頃、台湾から輸入される生薬類似のものに、化石草なるものがある。これを甘偉松氏の台湾植物薬材誌第二輯でみると *Orthosiphon stamineus* Benthams, すなわち、インドネシア語の *Koemis koetjin*, 中国大陸で猫鬚草とか直管草とか呼ばれるものが、我国ではインドネシア語を直訳したネコノヒゲで知られているものの、台湾での薬材名の一つであることがわかった。また化石草の意味は、台湾の某医家の説によれば、体内の結石を溶化する意味の由。これでは我々の漢文字運用の頭では見当がつかない。また中国の猫鬚草は *Koemis koetjin* の、また直管草は属名 *Orthosiphon* の直訳であろう。

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